

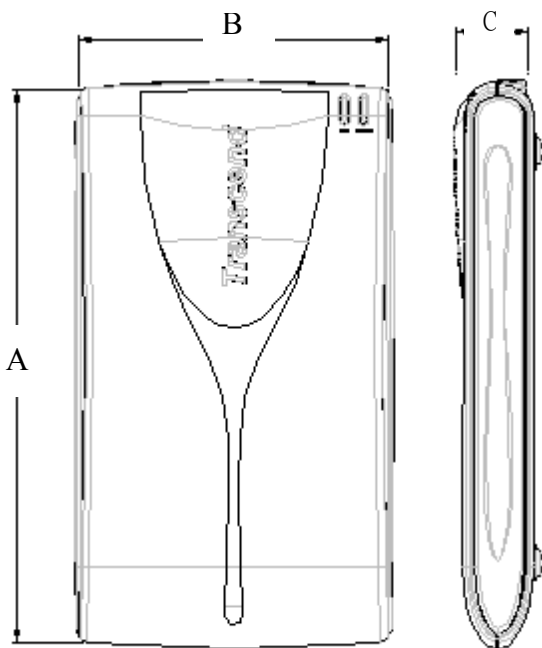
TS80GSJ25

2.5" 80GB StoreJet™

Description

TS80GSJ25 is the Transcend StoreJet™ installing 2.5" 80GB hard disk. This device is designed to expedite exchanging huge amounts of data between Transcend StoreJet™ and any desktop or notebook computer. Transcend also provides StoreJet Software including StoreJet Utility (PC Lock and others under Device Desktop) and ExBoot Express for Microsoft Windows OS users.

Placement



System Requirements

- Desktop or notebook computers with USB port
- One of following operating systems:
 - Win 98/98SE, Win ME, Win 2000, Win XP,
 - Mac OS 9.0 or above

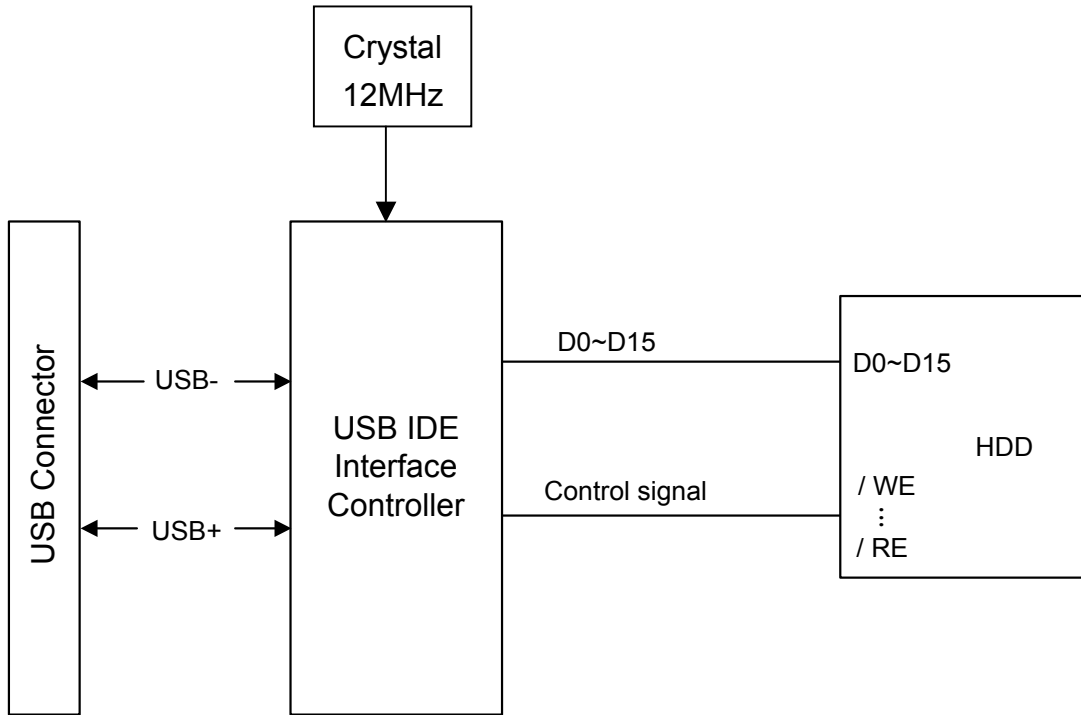
Features

- Fully compliant with USB 2.0 specification
- Fully backward compatible with USB 1.1 specification
- 100% compatible with USB interface in Windows or Mac
- High transfer rate up to 480 Mbits per second
- Easy plug and play installation
- Powered by USB bus power (DC 5V)
- LEDs indicate power on and data access
- Support 2.5" hard disk drive (Height: 9.5mm)
- High storage capacity: supports up to 80GB HDD
- Recommended operating temperature: 5°C ~ 55°C
- Connector durability: 5000 times

Dimensions

Side	Millimeters	Inches
A	145.00 ± 1.00	5.71 ± 0.04
B	80.00 ± 1.00	3.15 ± 0.04
C	17.00 ± 1.00	0.67 ± 0.04

Block Diagram



Pinouts

Pin No.	Pin Name
01	VCC
02	USB-
03	USB+
04	VSS

Pin Identification

Symbol	Function
USB-	USB differential signal
USB+	The pairs are used to transmit Data/Address/Command
VCC	USB power input (DC 5V)
VSS	Ground

Electrical Characteristics (Ta=0°C to 70°C, Vcc=3.3V±10%)

Parameter	Symbol	MIN	TYP	MAX	Unit
Power Supply	VDD	3	3.3	3.6	V
Input Voltage	VIH	0.9xVDD	--	5	V
	VIL	-0.3	--	0.5xVDD	V
Output Voltage	VOH	VDD-0.4	--	--	V
	VOL	--	--	0.4	V
Input leakage current	ILK	-1	--	1	μA
Working Current	IRW	--		--	mA
Operating Temperature	Ta	0		70	°C
Storage Temperature	Ts	-55		+150	°C
IO output current	IOH	--	4	--	mA
	IOL	--	4	--	mA

HDD Physical Specifications:

Dimensions		Unit
Height	9.5	mm
Weight	70	mm
Depth	100	mm
Weight	95	g

Temperature		Unit
Operating	5 to 55	°C
Non-Operating	-40 to 65	°C

Relative Humidity		Unit
Operating	8 to 90	%
Non-Operating	8 to 95	%

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HDD Power Consumption: (Voltage 5V±10%)

Power consumption		Unit
Start	4.7	W
Seek	2.6	W
Read/Write	2.3	W
Sleep	0.1	W

Above technical information is based on industry standard data and tested to be reliable. However, Transcend makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product. Transcend reserves the right to make changes in specifications at any time without prior notice.